

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 4

Complete if Known

Application Number	10/771,714
Filing Date	02/04/2004
First Named Inventor	Cleaver et al.
Art Unit	3611
Examiner Name	Not yet assigned
Attorney Docket Number	0232W/00028-U

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,111,520	09-1978	Bernal G.	
		US- 4,298,869	11-1981	Okuno	
		US- 4,422,719	12-27-1983	Orcutt	
		US- 4,376,946	03-1983	Kaminow et al.	
		US- 4,597,033	06-1986	Meggs et al.	
		US- 4,607,317	08-1986	Lin	
		US- 4,767,172	08-1988	Nichols et al.	
		US- 4,785,567	11-1988	Consiglio	
		US- 4,891,896	01-1990	Boren	
		US- 4,976,057	12-1990	Bianchi	
		US- 4,996,632	02-1991	Aikens	
		US- 5,057,981	10-1991	Bowen et al.	
		US- 5,140,220	08-18-1992	Hasegawa	
		US- 5,151,679	09-1992	Dimmick	
		US- 5,201,020	04-1993	Kannabiran	
		US- 5,219,217	06-1993	Aikens	
		US- 5,301,090	04-1994	Hed	
		US- 5,303,133	04-1994	Wagner	
		US- 5,365,411	11-1994	Rycroft et al.	

FOREIGN PATENT DOCUMENTS

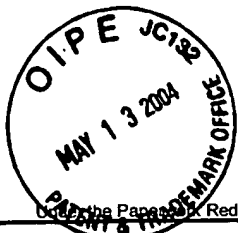
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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		Number-Kind Code ² (if known)			
		US- 5,375,043	12-1994	Tokunaga	
		US- 5,410,453	04-1995	Ruskouski	
		US- 5,416,679	05-1995	Ruskouski et al.	
		US- 5,459,955	10-1995	Ruskouski et al.	
		US- 5,475,786	12-1995	Nishiguchi et al.	
		US- 5,497,440	03-1996	Croituru et al.	
		US- 5,526,236	06-1996	Burnes et al.	
		US- 5,537,297	07-1996	Ghandehari	
		US- 5,581,683	12-03-1996	Bertignoll et al.	
		US- 5,588,236	12-1996	Suzuki	
		US- 5,613,751	03-1997	Parker et al.	
		US- 5,618,096	04-1997	Parker et al.	
		US- 5,640,792	06-1997	Smith et al.	
		US- 5,694,513	12-1997	Okaniwa	
		US- 5,818,998	10-06-1998	Harris et al.	
		US- 5,842,297	12-1998	Tung	
		US- 5,852,514	12-22-1998	Toshima et al.	
		US- 5,876,107	03-1999	Parker et al.	
		US- 5,879,076	03-1999	Cross	

FOREIGN PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		US- 5,887,968	03-1999	Logan	
		US- 5,921,652	07-1999	Parker et al.	
		US- 5,931,570	08-03-1999	Yamuro	
		US- 5,934,792	08-1999	Camarota	
		US- 5,941,626	08-24-1999	Yamuro	
		US- 5,950,340	09-1999	Woo	
		US- 5,964,518	10-1999	Shen	
		US- 5,996,263	12-1999	Black	
		US- 6,023,869	02-2000	Durbin	
		US- 6,042,248	03-2000	Hannah et al.	
		US- 6,075,652	06-13-2000	Ono et al.	
		US- 6,076,294	06-2000	Durbin	
		US- 6,079,838	06-2000	Parker et al.	
		US- 6,095,673	08-2000	Goto et al.	
		US- 6,123,442	09-2000	Freier et al.	
		US- 6,146,006	11-2000	Cross	
		US- 6,158,882	12-2000	Bischoff, Jr.	
		US- 6,186,645	02-2001	Camarota	
		US- 6,193,385	02-2001	Maki et al.	

FOREIGN PATENT DOCUMENTS

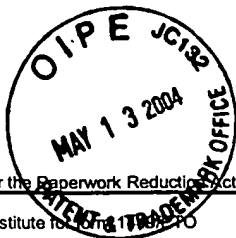
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Sheet 4 of 4

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Application Number	10/771,714
Filing Date	02/04/2004
First Named Inventor	Cleaver et al.
Art Unit	3611
Examiner Name	Not yet assigned
Attorney Docket Number	0232W/00028-U

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		Number-Kind Code ² (if known)			
		US- 6,204,899	03-2001	Hall	
		US- 6,217,184	04-17-2001	Koike et al.	
		US- 6,275,338	08-14-2001	Arai et al.	
		US- 6,283,612	09-2001	Hunter	
		US- 6,297,906	10-02-2001	Allen et al.	
		US- 6,297,908	10-02-2001	Suga	
		US- 6,354,714	03-2002	Rhodes	
		US- 6,361,186	03-2002	Slayden	
		US- 6,366,727	04-02-2002	Nojiri et al.	
		US- 6,394,623	05-2002	Tsui	
		US- 6,406,158	06-18-2002	Ohkawa	
		US- 6,447,133	09-10-2002	Eschke et al.	
		US- 6,592,238	07-15-2003	Cleaver et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

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		EP 0962789 A2	12-08-1999	Ikeyama et al.		

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